

Owner's Manual



PMX402M 4 CHANNELS

PMX602M 6 CHANNELS

PMX802M 8 CHANNELS

www.pyleaudio.com

FEATURES

Balanced microphone inputs, high impedance microphone/line Inputs and Tape/CD inputs. All may be used simultaneously reverb built in with individual control on each channel line out for connection to external amplifiers record out jack for taping performances R.F interference protection on all inputs and outputs.

The family of products built-in high-quality, high-effect of MP3 players can play in the USB disk MP3 format songs. Blue backlit LCD display screen can display the total number of songs in the USB disk, songs of the total play time ,play time at present, play / stop sign, symbol cycle, as well as the EQ. Through four key touch with LCD display is easy to operate MP3 player.

SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of electrical shock, do not remove the cover (or back). No user serviceable parts inside; refer servicing to qualified personnel.



WARNING: To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture.

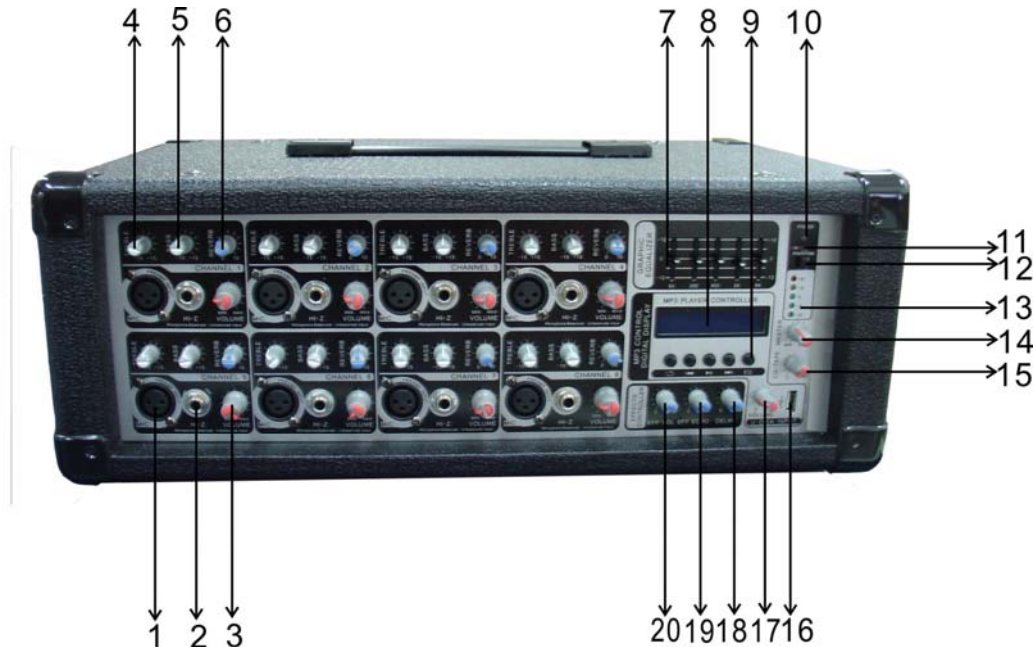


This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Read the manual.

A. FRONT PANEL SECTION FEATURES



1. BALANCE INPUT (MIC)

Electronic Balanced inputs acceptable a standard XLR male connector. It is designed to accept a balanced low impedance input signal, Phantom power (15 volts) for condenser microphones is always on and available. It has an input impedance of 1K ohm. The connector is wired as: Pin= shield ; Pin3= negative(cold).

2. BALANCE INPUT(LINE)

Electronic Balanced inputs acceptable a standard 1/4 " jacks connector. It is designed to accept a balanced high impedance input signal (This use for connection Deck , Turntable, Keyboard etc...).

3. VOLUME

This is function to adjust the volume of signal connection into each channel and adjust the volume of output, together with master fader.

4. TREBLE

This control gives you up to 15 db of boost or cut at 10 kHz and above, and it is also flat at the detent. Use it to add sizzle to cymbals, and an overall sense of transparency or edge to key-boards, vocals, guitar, and bacon frying. Turn it down a little to reduce sibilance, or to hide tape hiss.

5. LOW FREQUENCY

This control gives you up to 15 dB boost or cut at 100Hz and below. This circuit is flat (no boost or cut) at the center detent position. This frequency represents the punch in bass drums, bass guitar, fat synch patches, and some really serious male singers.

6. REVERB DEPTH/EFFECT BALANCE

This is a send control to the reverb buss, It controls the amount of reverberation added to the Input signals.

7. GRAPHIC EQUALIZER

2×5-band equalizer is provided for tone control over each frequency , and for precise high quality sound by final tone control. It can control main channel and record channel.(60,250,1K,2K,8KHz) shelving at +/-12dB.

8. LCD DISPLAY(There are three states show)

a. Machine became the first LCD display screen information are the trademarks of products, USB version, and initial system.

b. The second message is to remind the screen insert USB disk, or disk is not MP3 format.

c. The third message is the total number of songs in the USB disk, songs of the total play time ,play time at present, play/pause/ stop sign, symbol cycle, File Format(M refers to the MP3 file format, W refers to the WMA file format), as well as the EQ.

9. TOUCH BUTTON

Four touch keys, which are single cycle / circle of the total, up , play /pause / stop, down, EQ option. All of the touch button of this machine are conventional key and compound key.

a. Symbol cycle (A total of 6 cycle model) they are All cycle , random play ,song cycle , End the end of the single player , cycle by a player and players here. Through the button to switch modes, according to a time switch, LCD display the logo.

b. Down This is a complex bond, In the state of play, press the button, Will play on a song; In the state to suspend or stop, press the button, the current song will be re-broadcast; Press the button for a long time, can adjust the LCD backlight brightness.

c. Play /Pause/ Stop This is a Multi-Function control, the press is a player, next it is time to pause, then it is stop, while the corresponding LCD display signs. Press for a long time, null and void.

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- d. Up This is a multi-function control, In the state of play, press the button, Will play the next song; Press the button for a long time, can adjust the LCD backlight brightness.
- e. EQ This is a conventional keys, press the first choice of a EQ, a total of 11 EQ, are Natural, Rock, Pop, Class, Jazz, Blue, Hall, Bass, Soft, Country, and Opera.

10. POWER LED

It lights when power switch turn on.

11. PHANTOM LED

The LED +15V will be turned on when start working.

12. PHANTOM POWER SWITCH

When it is depressed, the XLR jack input has +15V voltage.

13. OUTPUTS LEVEL INDICATOR

This is level meter which shows output levels of left & right channel condition on the way of operation, therefore, you can see output condition thru this master level indication.

14. MASTER VOLUME

Using by this control, you can adjust signal level of main channel.

15. TAPE

This controls the level of the playback inputs(RCA) jack.

16. USB DISK

USB disk insert jack.

17. MP3

Using by this control, you can adjust MP3 signal level send to main channel.

18. REVERB EFFECTS DELAY

Using by this control, you can adjust the delay time interval of echo repeat.

19. REVERB EFFECTS REPEAT

Using by this control , you can adjust reverberating deepness.

20. REVERB EFFECTS LEVEL

Using by this control, you can adjust signal level of echo output.

B. BACK PANEL SECTION FEATURES



1. SPEAKER JACK (LEFT/RIGHT)

These are 2 conductor 1/4" speaker outputs. Each one is rated at 8 ohm minimum impedance. Total minimum load for the amplifier is 4 ohms. You may connect either 1-4 ohm, 1-8 ohm or 2-8 ohm speaker cabinets. Do not below rated minimum impedance.

2. SEND/RETURN

Using by this jack, you can use stereo 1/4 " jacks connector send internal signal which before power amplifier to external effects processing, after processing return to internal power amplifier.

Or you can use stereo or mono 1/4 " jacks connector send external signal to inner power amplifier .

3.TAPE INPUT

These RCA jacks are for brining in a tape deck, CD play or other line level source. The impedance is 10k ohms .

4. REC OUTPUT

These RCA jacks are for hooking up a tape desk to record from the mixer. Both channel are summed into mono for compatibility. The signals are taken pre-master section, meaning that they are without reverb or the master tone section, and does not include the Tape in signal, The impedance is 1K ohms @ -10dBv.

5. FAN

In order to prevent rising the inside temperature, the inside heat is emitted outside.

6. POWER SWITCH

When you want to operate, turn on it, then the LED will be turned on .

7. CHANGE-OVER SWITCH

This device is used to 110V/220V or 115V/230V voltage conversion.

8. AC POWER CORD/FUSE HOLDERS

AC 220~240V 60Hz or 110-120V 60Hz ,Check the power voltage of supply with silk-screen of the panel before connections. When occur a problem on this appliance, the fuse will be cut off, power to prevent form a problem.

C. CONNECTIONS

You will need a lot of cables for different purposes – see the following figures to make sure you have got the right ones. Unbalanced equipment may be connected to balanced inputs/outputs. Either use mono 1/4 " jacks or connect ring and sleeve of TRS jacks.

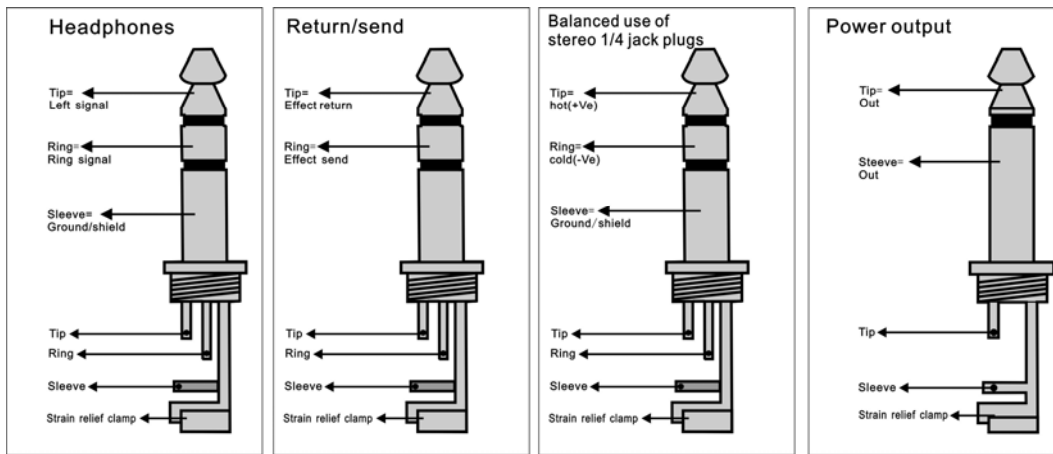


Fig. 1: Head phone connection

Fig. 2: Return/send connection

Fig. 3: Balanced plug types

Fig. 4: Power output connection

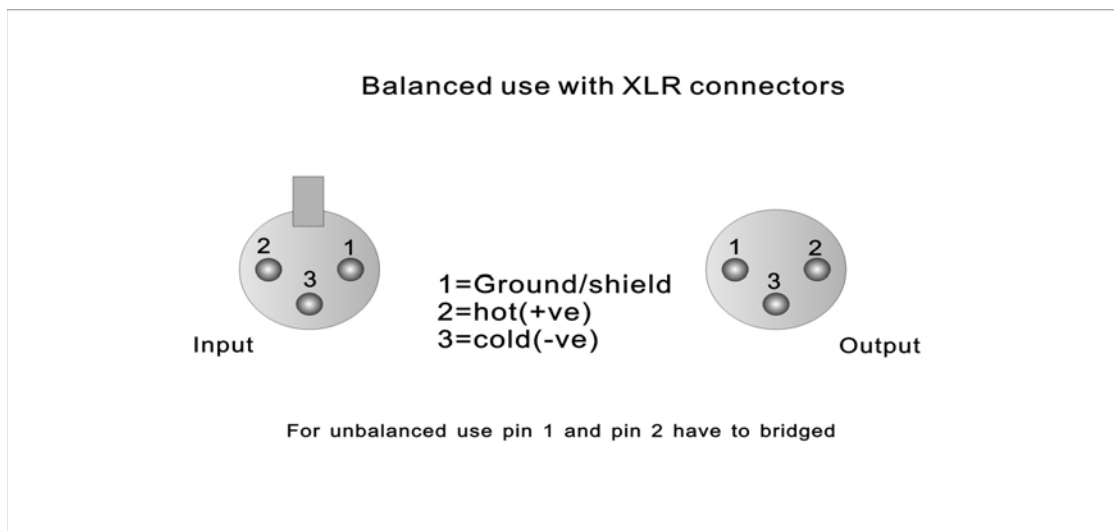


Fig. 5: Balance plug

Bandwidth 20Hz to 20kHz_+ 1dB
Input Impedance: Lo-Z Mic 1K ohms
 Hi-Z Mic/Line 33K ohms
 Tape playback 10K ohms
Input level: Lo-Z Mic -50dB
 Hi-Z Mic/Line -20dB
 Tape playback -10dB
Rec output level +22dB(max)

MODEL NO	PMX402M	PMX602M	PMX802M
CHANNELS	4CHANNELS	6CHANNELS	8CHANNELS
POWER	400W	600W	800W
DIMENSION	15.75'X12.01'X7.87'	17.32'X12.01'X7.87'	20.28X12.01'X7.87'

Specifications:

- *With USB 2.0 Terminal and LCD
- *5-Band graphic equalizer
- *Each channel tone control
- *Effect control
- *TAPE input, REC output
- *Channel tone adjust (high/low+/-15dB)
- *AUX/TAPE/effect feedback input
- *Effect send
- *Master volume control
- *Phantom + 15V

Power supply 110V AC 60HZ, SWITCHABLE 220V AC 50HZ